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```
%Problem 5 helper 2
function U = gram_schmidt_stable(H)
    n = size(H);
    U = zeros(n);

    % Gram-Schmidt process
    for i = 1:n
        u = H(:, i) / norm(H(:, i));
        U(:, i) = u;
        for j = i + 1:n
            H(:, j) = H(:, j) - dot(H(:, j), u) * u;
        end
    end
end
```

*Not enough input arguments.*

*Error in gram\_schmidt\_stable (line 3)*  
    *n = size(H);*

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